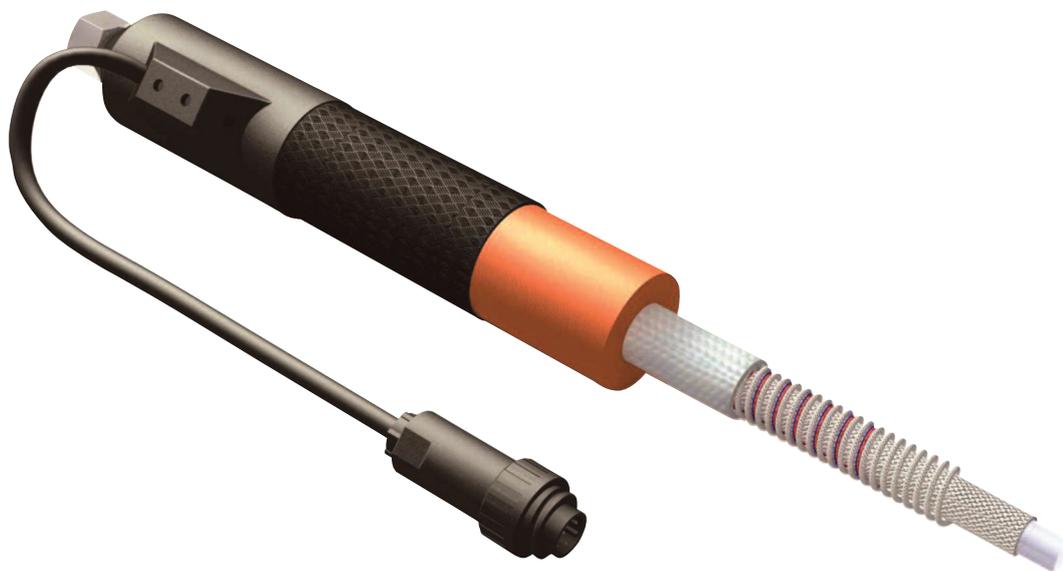


**JCT**  
Analysentechnik

# JH-800 Heated Line for Co-Extrusion



Gas Sampling  
Probes

Heated Sample Lines

Sample Gas  
Coolers

Condensate  
Treatment

Accessories

Gas Conditioning  
Systems

Sample Gas  
Converters

## APPLICATION

- Flexible connection hose between co-extruder and tool
- For transportation of various plastic materials in liquid phase

## BENEFITS

- Replaces rigid connections and many single connection elements, which would need extra heating, insulation and control
- Considerably easier exchange of tools
- Significantly lower maintenance effort
- Compensation of thermal expansion and vibrations

## FEATURES

- Operating temperature max. 250 °C
- Operating pressure up to 286 bara
- Outer protection: polyamid braid, black
- Inner core: PTFE pressure hose
- Connection fitting made of stainless steel, conical and polished inside to prevent material deposits
- Inner diameters: 8 to 20 mm
- Thermal insulation with silicone foam
- Loose and fixed flange according to DIN and ASA possible

## TECHNICAL DATA

### Model

**JH-800**

Description	heated line for co-extrusion
External protection	polyamid braid, black
Area of application	flexible connection between co-extruder and mould

### Operation

Operating temperature	max. 250 °C
Operating pressure*	max. 286 bara

### Construction

Inner core	PTFE pressure hose
Fitting material	SS420 (SS303 or SS316Ti as option) loose and fixed flange according to DIN or ASA possible
Thermal insulation	close pore, waterproof silicone hose, thermally stabilised
End configuration	polyamid hard caps or elastomer caps
Manufacturing length	0,3 to 40 m
Diameter inner core	8 / 10 / 12 / 16 / 20 mm
Protection class	IP 54 (EN60529), class I
Weight	approx. 1000 g/m
Min. bending radius in operation [mm]	DN 8: 170 / DN 10: 220 / DN 12: 300 / DN 16: 175
Approvals / Signs	CE

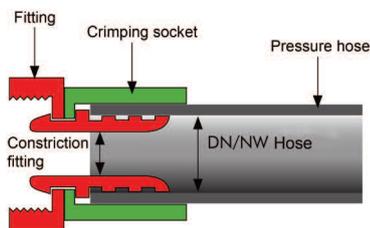
### Electrics

Power supply	230 VAC 50/60 Hz or 115 VAC 50/60 Hz +5 %/-10 %
Nominal capacity heat power [W/m]	DN 8: 140 / DN 10: 160 / DN 12: 200 / DN 16: 260 / DN 20: 330
Connection cable	3 x 1,5 mm <sup>2</sup> , 1,5 m long
Temperature sensor	Fe-CuNi Typ J, NiCr-Ni Typ K, PT100 and integral control system (HTI) possible

## DIMENSIONS

DN / NW hose mm	Constriction mm	Union nut inch		Union nut metric		Max. operating pressure 250 °C bara
		Dimension	Length of thread [mm]	Dimension	Length of thread [mm]	
8	6,0	G 3/8"	12	M 16 x 1,5	12	286
10	7,5	G 1/2"	14	M 18 x 1,5	12	286
12	10,0	G 1/2"	14	M 22 x 1,5	14	271
16	12,5	G 3/4"	16	M 26 x 1,5	16	241
20	16,0	G 1"	18	M 30 x 1,5	16	181

Special length and dimensions on request



Gas Sampling **Probes**



Heated Sample **Lines**



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Gas Conditioning **Systems**



NOx **Converter**



and **solutions** for

